

# Maria Pilar Aoki

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,157  
citations

331670

21  
h-index

395702

33  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1616  
citing authors

#	ARTICLE	IF	CITATIONS
1	Opposite effects of galectin-1 on alternative metabolic pathways of L-arginine in resident, inflammatory, and activated macrophages. <i>Glycobiology</i> , 2003, 13, 119-128.	2.5	127
2	Pro-inflammatory monocyte profile in patients with major depressive disorder and suicide behaviour and how ketamine induces anti-inflammatory M2 macrophages by NMDAR and mTOR. <i>EBioMedicine</i> , 2019, 50, 290-305.	6.1	87
3	IL-6 promotes M2 macrophage polarization by modulating purinergic signaling and regulates the lethal release of nitric oxide during <i>Trypanosoma cruzi</i> infection. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 857-869.	3.8	76
4	Myeloid-derived suppressor cells are key players in the resolution of inflammation during a model of acute infection. <i>European Journal of Immunology</i> , 2014, 44, 184-194.	2.9	67
5	Inducible Nitric Oxide Synthase and Arginase Expression in Heart Tissue during Acute <i>Trypanosoma cruzi</i> Infection in Mice: Arginase I Is Expressed in Infiltrating CD68 <sup>+</sup> Macrophages. <i>Journal of Infectious Diseases</i> , 2008, 197, 1772-1782.	4.0	53
6	Cruzipain, a major <i>Trypanosoma cruzi</i> antigen, promotes arginase-2 expression and survival of neonatal mouse cardiomyocytes. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 286, C206-C212.	4.6	52
7	Toll-like receptor-2 and interleukin-6 mediate cardiomyocyte protection from apoptosis during <i>Trypanosoma cruzi</i> murine infection. <i>Medical Microbiology and Immunology</i> , 2012, 201, 145-155.	4.8	43
8	Apoptosis induction by glucuronoxylomannan of <i>Cryptococcus neoformans</i> . <i>Medical Mycology</i> , 2003, 41, 347-353.	0.7	38
9	Chronic <i>Trypanosoma cruzi</i> infection potentiates adipose tissue macrophage polarization toward an anti-inflammatory M2 phenotype and contributes to diabetes progression in a diet-induced obesity model. <i>Oncotarget</i> , 2016, 7, 13400-13415.	1.8	38
10	Immunosuppression, interleukin-10 synthesis and apoptosis are induced in rats inoculated with <i>Cryptococcus neoformans</i> glucuronoxylomannan. <i>Immunology</i> , 2004, 113, 392-400.	4.4	37
11	New Insights into the Immunobiology of Mononuclear Phagocytic Cells and Their Relevance to the Pathogenesis of Cardiovascular Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 1921.	4.8	37
12	Immune response to a major <i>Trypanosoma cruzi</i> antigen, cruzipain, is differentially modulated in C57BL/6 and BALB/c mice. <i>Microbes and Infection</i> , 2004, 6, 1250-1258.	1.9	32
13	Subchronic mycotoxicoses in rats. Histopathological changes and modulation of the sphinganine to sphingosine (Sa/So) ratio imbalance induced by <i>Fusarium verticillioides</i> culture material, due to the coexistence of aflatoxin B1 in the diet. <i>Food and Chemical Toxicology</i> , 2008, 46, 967-977.	3.6	32
14	CD73 Inhibition Shifts Cardiac Macrophage Polarization toward a Microbicidal Phenotype and Ameliorates the Outcome of Experimental Chagas Cardiomyopathy. <i>Journal of Immunology</i> , 2016, 197, 814-823.	0.8	32
15	Immunisation with a major <i>Trypanosoma cruzi</i> antigen promotes pro-inflammatory cytokines, nitric oxide production and increases TLR2 expression. <i>International Journal for Parasitology</i> , 2007, 37, 1243-1254.	3.1	31
16	IL-6 Improves the Nitric Oxide-Induced Cytotoxic CD8 <sup>+</sup> T Cell Dysfunction in Human Chagas Disease. <i>Frontiers in Immunology</i> , 2016, 7, 626.	4.8	30
17	Spleen B cells from BALB/c are more prone to activation than spleen B cells from C57BL/6 mice during a secondary immune response to cruzipain. <i>International Immunology</i> , 2007, 19, 1395-1402.	4.0	28
18	TLR2, TLR4 and TLR9 are differentially modulated in liver lethally injured from BALB/c and C57BL/6 mice during <i>Trypanosoma cruzi</i> acute infection. <i>Molecular Immunology</i> , 2008, 45, 3580-3588.	2.2	28

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19	Importance of TLR2 on Hepatic Immune and Non-Immune Cells to Attenuate the Strong Inflammatory Liver Response During <i>Trypanosoma cruzi</i> Acute Infection. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e863.	3.0	26
20	Hepatocellular apoptosis during <i>Candida albicans</i> colonization: involvement of TNF- $\alpha$ and infiltrating Fas-L positive lymphocytes. <i>International Immunology</i> , 2006, 18, 1719-1728.	4.0	23
21	Sexual dimorphism of apoptosis in lactotrophs induced by bromocryptine. <i>Histochemistry and Cell Biology</i> , 2001, 116, 215-222.	1.7	22
22	Clomipramine and Benznidazole Act Synergistically and Ameliorate the Outcome of Experimental Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3700-3708.	3.2	22
23	<i>Trypanosoma cruzi</i> , the causative agent of Chagas disease, modulates interleukin-6-induced STAT3 phosphorylation via gp130 cleavage in different host cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 485-494.	3.8	21
24	Multi-kinetic release of benznidazole-loaded multiparticulate drug delivery systems based on polymethacrylate interpolyelectrolyte complexes. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 120, 107-122.	4.0	20
25	PD-L2 negatively regulates Th1-mediated immunopathology during <i>Fasciola hepatica</i> infection. <i>Oncotarget</i> , 2016, 7, 77721-77731.	1.8	20
26	Nonimmune Cells Contribute to Crosstalk between Immune Cells and Inflammatory Mediators in the Innate Response to <i>Trypanosoma cruzi</i> Infection. <i>Journal of Parasitology Research</i> , 2012, 2012, 1-13.	1.2	18
27	Apoptotic and non-apoptotic cell death in hormone-dependent glands. <i>Cell and Tissue Research</i> , 1998, 291, 571-574.	2.9	16
28	Signals elicited at the intestinal epithelium upon chitosan feeding contribute to immunomodulatory activity and biocompatibility of the polysaccharide. <i>Vaccine</i> , 2010, 28, 5718-5724.	3.8	16
29	Purinergic modulation of the immune response to infections. <i>Purinergic Signalling</i> , 2022, 18, 93-113.	2.2	15
30	Interleukin-6 signalling mediates Galectin-8 co-stimulatory activity of antigen-specific CD4 T-cell response. <i>Immunology</i> , 2018, 155, 379-386.	4.4	11
31	Monocyte glycolysis determines CD8+ T cell functionality in human Chagas disease. <i>JCI Insight</i> , 2019, 4, .	5.0	11
32	<i>Trypanosoma cruzi</i> antigen immunization induces a higher B cell survival in BALB/c mice, a susceptible strain, compared to C57BL/6 B lymphocytes, a resistant strain to cardiac autoimmunity. <i>Medical Microbiology and Immunology</i> , 2011, 200, 209-218.	4.8	9
33	Heat killed cells of <i>Cryptococcus neoformans</i> var. <i>grubii</i> induces protective immunity in rats: immunological and histopathological parameters. <i>Medical Mycology</i> , 2006, 44, 493-504.	0.7	8
34	Deficiency of CD73 activity promotes protective cardiac immunity against <i>Trypanosoma cruzi</i> infection but permissive environment in visceral adipose tissue. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165592.	3.8	8
35	Anti-inflammatory Role of Galectin-8 During <i>Trypanosoma cruzi</i> Chronic Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 285.	3.9	7
36	HIF-1 $\alpha$ and CD73 expression in cardiac leukocytes correlates with the severity of myocarditis in end-stage Chagas disease patients. <i>Journal of Leukocyte Biology</i> , 2021, 109, 233-244.	3.3	6

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37	Improved efficacy and safety of low doses of benznidazole-loaded multiparticulate delivery systems in experimental Chagas disease therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105912.	4.0	5
38	Isolation and Phenotypic Characterization of Inflammatory Cells from Clinical Samples: Purification of Macrophages from <i>Trypanosoma cruzi</i> -Infected Hearts. <i>Methods in Molecular Biology</i> , 2019, 1955, 381-395.	0.9	3
39	Wnt Signaling Plays a Key Role in the Regulation of the Immune Response and Cardiac Damage during <i>Trypanosoma cruzi</i> Infection. <i>ACS Infectious Diseases</i> , 2021, 7, 566-578.	3.8	2
40	Preface. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165953.	3.8	0